

Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2022-23

NAME:

B.S. BIOPHYSICS PRE-HEALTH - BPPH/PHYS.BS.BPHY (CIP: 40.0801)

DATE:

<p>English Composition Placement is: Take ENGL T122, then choose a Writing About Literature (any N-coded course). AP, IB, CLEP, transfers, & dual-enrollment can fulfill each requirement. Students with WAL credit must still satisfy ENGL T122.</p>	<p>Mathematics Placement: See bulletin for criteria and see Degree Audit Report for LUPL scores: <input type="checkbox"/> Register for Math A257 <input type="checkbox"/> Register for Math A118 <input type="checkbox"/> Register for Math A110</p>	<p>MAJOR.....35 Crs Intro to Physics and Engineering A120 _____ 1____ Intro Mechanics A101 _____ 4____ Mechanics Lab A103 _____ 1____ Intro EM & Relativity A102 _____ 4____ EM Lab A104 _____ 1____ Intro Waves and Quant. A240 _____ 4____ Intro Thermal Physics A241 _____ 3____ Classical Mechanics A340 _____ 4____ Choose one: Electricity and Magnetism -A350 <i>or</i> Quantum Mechanics - A450 _____ 4____ Adv. Laboratory Physics A445 _____ 3____ *Choose two Biophysics Electives:</p>	<p>ADJUNCT.....35 Crs Into Linear Algebra Math-A200 _____ 3____ Calculus II Math-A258 _____ 4____ Calculus III Math-A259 _____ 3____ Intro Differential Equations Math-A310 _____ 3____ Cells & Heredity: Biol-A106 - Lec _____ 3____ Biol-A107 - Lab _____ 1____ Biol of Organisms: Biol-A108 - Lec _____ 3____ Biol-A109 - Lab _____ 1____ General Chemistry II: Chem-A106 - Lec _____ 3____ Chem-A108 - Lab _____ 1____ Organic Chem I Chem-A300 _____ 3____ Organic Chem I - Lab Chem-A310 _____ 1____ Organic Chem II Chem-A301 _____ 3____ Additional Advanced BIOL, CHEM, COSC, MATH or PHYS elective approved by advisor **See sidebar for options -----> _____ 3____</p>	<p>NOTES: Courses used in the major cannot also be used to satisfy requirements for a minor: Non-major courses WILL be applied to minors as appropriate.</p>
<p>LOYOLA CORE - 41 Credits</p>				<p>GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola cumulative.</p>
<p>FOUNDATION COURSES First-Year Seminar T121 _____ 3____ Engl T122: Critical Reading and Writing _____ 3____ Math A257: Calculus I _____ 4____ Sci I: Chem-A105/A107, General Chemistry I/Lab _____ 3+1____ 4____ 14</p>				<p>Loyola Core requirements are governed by the catalog year that a student is admitted.</p>
<p>KNOWLEDGE/VALUES COURSES Creative Arts and Cultures _____ 3____ Hist I: (any T# course) _____ 3____ Hist II: (any Q# course) _____ 3____ Phil I: Reasoning _____ 3____ Phil II: Knowledge and Morality _____ 3____ Rels I: Christian Tradition (any S# course) _____ 3____ Rels II: World Religions (any V# course) _____ 3____ Social Science _____ 3____ Sci II: Chem-A106/108 (fulfilled in adjunct) _____ 0____ Writing About Literature _____ 3____ 27</p>				<p>Use your Degree Audit Report to keep this document updated.</p> <p>*Biophysics Electives: PHYS Axxx courses are chosen in consultation with advisor.</p> <p>** Choose From: BIOL A3xx - A4xx, CHEM A3xx - A4xx, COSC A2xx - A4xx, MATH A2xx - A4xx, or PHYS A3xx - A4xx (Any course chosen here must not already be on DPCL)</p>
		<p>Loyola Core.....41 crs Major.....35 crs Adjunct35 crs General Elective.....9 crs Total120 crs</p>	<p>GENERAL ELECTIVE.....9 Crs _____ 3____ _____ 3____ _____ 3____</p>	